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NEWS 7 AUG 18 Simultaneous left and right truncation added to PASCAL
NEWS 8 AUG 18 FROSTI and KOSMET enhanced with Simultaneous Left and Right
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NEWS 9 AUG 18 Simultaneous left and right truncation added to ANABSTR
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NEWS 15 OCT 28 BIOSIS file segment of TOXCENTER reloaded and enhanced

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FILE 'HOME' ENTERED AT 11:23:12 ON 12 NOV 2003

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FILE 'CAPLUS' ENTERED AT 11:23:43 ON 12 NOV 2003

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FILE 'BIOSIS' ENTERED AT 11:23:43 ON 12 NOV 2003
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=> s coliphage
L1 5870 COLIPHAGE

=> s single stranded dna binding protein
L2 2525 SINGLE STRANDED DNA BINDING PROTEIN

=> sll and l2
SL1 IS NOT A RECOGNIZED COMMAND
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=> s l1 and l2
L3 66 L1 AND L2

=> s plant and l3
L4 3 PLANT AND L3

=> d 1-3

L4 ANSWER 1 OF 3 CAPLUS COPYRIGHT 2003 ACS on STN
AN 2002:505317 CAPLUS
DN 137:58576
TI Methods and compositions for independent DNA replication in eukaryotic
cells, by introducing a replication cassette and a replication system into
a cell
IN Jelesko, John; Gruissem, Wilhelm
PA The Regents of the University of California, Office of Technology
Transfer, USA
SO U.S. Pat. Appl. Publ., 25 pp.
CODEN: USXXCO
DT Patent
LA English
FAN.CNT 1

	PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
PI	US 2002086428	A1	20020704	US 2001-944715	20010831
PRAI	US 2000-229686P	P	20000901		

L4 ANSWER 2 OF 3 CAPLUS COPYRIGHT 2003 ACS on STN
AN 1999:577007 CAPLUS
DN 131:211772
TI Use of **single-stranded DNA-binding**
proteins of Inoviridae to increase **plant** resistance to
single-stranded DNA viruses
IN Padidam, Malla; Beachy, Roger N.; Fauquet, Claude M.
PA Scripps Research Institute, USA
SO PCT Int. Appl., 70 pp.
CODEN: PIXXD2
DT Patent
LA English
FAN.CNT 1

	PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
PI	WO 9945101	A1	19990910	WO 1999-US4716	19990303

W: AL, AM, AT, AU, AZ, BA, BB, BG, BR, BY, CA, CH, CN, CU, CZ, DE,
 DK, EE, ES, FI, GB, GE, GH, GM, HR, HU, ID, IL, IS, JP, KE, KG,
 KP, KR, KZ, LC, LK, LR, LS, LT, LU, LV, MD, MG, MK, MN, MW, MX,
 NO, NZ, PL, PT, RO, RU, SD, SE, SG, SI, SK, SL, TJ, TM, TR, TT,
 UA, UG, US, UZ, VN, YU, ZW, AM, AZ, BY, KG, KZ, MD, RU, TJ, TM
 RW: GH, GM, KE, LS, MW, SD, SL, SZ, UG, ZW, AT, BE, CH, CY, DE, DK,
 ES, FI, FR, GB, GR, IE, IT, LU, MC, NL, PT, SE, BF, BJ, CF, CG,
 CI, CM, GA, GN, GW, ML, MR, NE, SN, TD, TG

AU 9928013	A1	19990920	AU 1999-28013	19990303
AU 761598	B2	20030605		
BR 9908492	A	20001205	BR 1999-8492	19990303
EP 1082409	A1	20010314	EP 1999-908632	19990303

R: AT, BE, CH, DE, DK, ES, FR, GB, GR, IT, LI, LU, NL, SE, MC, PT,
 IE, SI, LT, LV, FI, RO

PRAI US 1998-76627P A2 19980303
 WO 1999-US4716 W 19990303

RE.CNT 6 THERE ARE 6 CITED REFERENCES AVAILABLE FOR THIS RECORD
 ALL CITATIONS AVAILABLE IN THE RE FORMAT

L4 ANSWER 3 OF 3 CAPLUS COPYRIGHT 2003 ACS on STN
 AN 1999:63248 CAPLUS
 DN 130:247781
 TI A phage single-stranded DNA (ssDNA) binding protein complements ssDNA
 accumulation of a geminivirus and interferes with viral movement
 AU Padidam, Malla; Beachy, Roger N.; Fauquet, Claude M.
 CS Division of Plant Biology, The Scripps Research Institute, International
 Laboratory for Tropical Agricultural Biotechnology (ILTAB/ORSTOM-TSRI), La
 Jolla, CA, 92037, USA
 SO Journal of Virology (1999), 73(2), 1609-1616
 CODEN: JOVIAM; ISSN: 0022-538X
 PB American Society for Microbiology
 DT Journal
 LA English
 RE.CNT 53 THERE ARE 53 CITED REFERENCES AVAILABLE FOR THIS RECORD
 ALL CITATIONS AVAILABLE IN THE RE FORMAT

=> d his

(FILE 'HOME' ENTERED AT 11:23:12 ON 12 NOV 2003)

FILE 'CAPLUS, CABA, AGRICOLA, BIOSIS' ENTERED AT 11:23:43 ON 12 NOV 2003

L1 5870 S COLIPHAGE
 L2 2525 S SINGLE STRANDED DNA BINDING PROTEIN
 L3 66 S L1 AND L2
 L4 3 S PLANT AND L3

=> s (wheat or maize or tobacco or tomato) and l3
 L5 2 (WHEAT OR MAIZE OR TOBACCO OR TOMATO) AND L3

=> d 1-2

L5 ANSWER 1 OF 2 CAPLUS COPYRIGHT 2003 ACS on STN
 AN 1999:577007 CAPLUS
 DN 131:211772
 TI Use of **single-stranded DNA-binding**
proteins of Inoviridae to increase plant resistance to
 single-stranded DNA viruses
 IN Padidam, Malla; Beachy, Roger N.; Fauquet, Claude M.
 PA Scripps Research Institute, USA
 SO PCT Int. Appl., 70 pp.
 CODEN: PIXXD2
 DT Patent
 LA English

FAN.CNT 1

	PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
PI	WO 9945101	A1	19990910	WO 1999-US4716	19990303
	W:	AL, AM, AT, AU, AZ, BA, BB, BG, BR, BY, CA, CH, CN, CU, CZ, DE, DK, EE, ES, FI, GB, GE, GH, GM, HR, HU, ID, IL, IS, JP, KE, KG, KP, KR, KZ, LC, LK, LR, LS, LT, LU, LV, MD, MG, MK, MN, MW, MX, NO, NZ, PL, PT, RO, RU, SD, SE, SG, SI, SK, SL, TJ, TM, TR, TT, UA, UG, US, UZ, VN, YU, ZW, AM, AZ, BY, KG, KZ, MD, RU, TJ, TM			
	RW:	GH, GM, KE, LS, MW, SD, SL, SZ, UG, ZW, AT, BE, CH, CY, DE, DK, ES, FI, FR, GB, GR, IE, IT, LU, MC, NL, PT, SE, BF, BJ, CF, CG, CI, CM, GA, GN, GW, ML, MR, NE, SN, TD, TG			
	AU 9928013	A1	19990920	AU 1999-28013	19990303
	AU 761598	B2	20030605		
	BR 9908492	A	20001205	BR 1999-8492	19990303
	EP 1082409	A1	20010314	EP 1999-908632	19990303
	R:	AT, BE, CH, DE, DK, ES, FR, GB, GR, IT, LI, LU, NL, SE, MC, PT, IE, SI, LT, LV, FI, RO			
PRAI	US 1998-76627P	A2	19980303		
	WO 1999-US4716	W	19990303		
RE.CNT	6	THERE ARE 6 CITED REFERENCES AVAILABLE FOR THIS RECORD ALL CITATIONS AVAILABLE IN THE RE FORMAT			

L5 ANSWER 2 OF 2 CAPLUS COPYRIGHT 2003 ACS on STN
AN 1999:63248 CAPLUS
DN 130:247781
TI A phage single-stranded DNA (ssDNA) binding protein complements ssDNA accumulation of a geminivirus and interferes with viral movement
AU Padidam, Malla; Beachy, Roger N.; Fauquet, Claude M.
CS Division of Plant Biology, The Scripps Research Institute, International Laboratory for Tropical Agricultural Biotechnology (ILTAB/ORSTOM-TSRI), La Jolla, CA, 92037, USA
SO Journal of Virology (1999), 73(2), 1609-1616
CODEN: JOVIAM; ISSN: 0022-538X
PB American Society for Microbiology
DT Journal
LA English
RE.CNT 53 THERE ARE 53 CITED REFERENCES AVAILABLE FOR THIS RECORD
ALL CITATIONS AVAILABLE IN THE RE FORMAT

=> s gene 5 protein

L6 462 GENE 5 PROTEIN

=> d his

(FILE 'HOME' ENTERED AT 11:23:12 ON 12 NOV 2003)

FILE 'CAPLUS, CABA, AGRICOLA, BIOSIS' ENTERED AT 11:23:43 ON 12 NOV 2003

L1 5870 S COLIPHAGE
L2 2525 S SINGLE STRANDED DNA BINDING PROTEIN
L3 66 S L1 AND L2
L4 3 S PLANT AND L3
L5 2 S (WHEAT OR MAIZE OR TOBACCO OR TOMATO) AND L3
L6 462 S GENE 5 PROTEIN

=> s inovirid?

L7 1938 INOVIRID?

=> s (pseudomonas phage) or (vibrio phage) or (xanthomonas phage) or (enterobacteria phage)

L8 1622 (PSEUDOMONAS PHAGE) OR (VIBRIO PHAGE) OR (XANTHOMONAS PHAGE) OR (ENTEROBACTERIA PHAGE)

=>

=> s l8 and l2
L9 30 L8 AND L2

=> dup rem l9
PROCESSING COMPLETED FOR L9
L10 28 DUP REM L9 (2 DUPLICATES REMOVED)

=> s l10 and WHEAT OR MAIZE OR TOBACCO OR TOMATO
L11 576214 L10 AND WHEAT OR MAIZE OR TOBACCO OR TOMATO

=> s l10 and (WHEAT OR MAIZE OR TOBACCO OR TOMATO)
L12 0 L10 AND (WHEAT OR MAIZE OR TOBACCO OR TOMATO)

=> d his

(FILE 'HOME' ENTERED AT 11:23:12 ON 12 NOV 2003)

FILE 'CAPLUS, CABA, AGRICOLA, BIOSIS' ENTERED AT 11:23:43 ON 12 NOV 2003

L1 5870 S COLIPHAGE
L2 2525 S SINGLE STRANDED DNA BINDING PROTEIN
L3 66 S L1 AND L2
L4 3 S PLANT AND L3
L5 2 S (WHEAT OR MAIZE OR TOBACCO OR TOMATO) AND L3
L6 462 S GENE 5 PROTEIN
L7 1938 S INOVIRID?
L8 1622 S (PSEUDOMONAS PHAGE) OR (VIBRIO PHAGE) OR (XANTHOMONAS PHAGE)
L9 30 S L8 AND L2
L10 28 DUP REM L9 (2 DUPLICATES REMOVED)
L11 576214 S L10 AND WHEAT OR MAIZE OR TOBACCO OR TOMATO
L12 0 S L10 AND (WHEAT OR MAIZE OR TOBACCO OR TOMATO)

=> d l10

L10 ANSWER 1 OF 28 CAPLUS COPYRIGHT 2003 ACS on STN
AN 2003:76962 CAPLUS
DN 138:148634
TI Method for nucleic acid amplification by repetitive extension of 3'
termini in nicked DNA
IN Van Ness, Jeffrey; Galas, David J.; Van Ness, Lori K.
PA Keck Graduate Institute, USA
SO PCT Int. Appl., 36 pp.
CODEN: PIXXD2
DT Patent
LA English
FAN.CNT 4

	PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
PI	WO 2003008624	A2	20030130	WO 2002-US22748	20020715
	W:	AE, AG, AL, AM, AT, AU, AZ, BA, BB, BG, BR, BY, BZ, CA, CH, CN, CO, CR, CU, CZ, DE, DK, DM, DZ, EC, EE, ES, FI, GB, GD, GE, GH, GM, HR, HU, ID, IL, IN, IS, JP, KE, KG, KP, KR, KZ, LC, LK, LR, LS, LT, LU, LV, MA, MD, MG, MK, MN, MW, MX, MZ, NO, NZ, OM, PH, PL, PT, RO, RU, SD, SE, SG, SI, SK, SL, TJ, TM, TN, TR, TT, TZ, UA, UG, US, UZ, VN, YU, ZA, ZM, ZW, AM, AZ, BY, KG, KZ, MD, RU, TJ, TM			
	RW:	GH, GM, KE, LS, MW, MZ, SD, SL, SZ, TZ, UG, ZM, ZW, AT, BE, BG, CH, CY, CZ, DE, DK, EE, ES, FI, FR, GB, GR, IE, IT, LU, MC, NL, PT, SE, SK, TR, BF, BJ, CF, CG, CI, CM, GA, GN, GQ, GW, ML, MR, NE, SN, TD, TG			
	US 2003104431	A1	20030605	US 2002-197239	20020715
PRAI	US 2001-305637P	P	20010715		
	US 2001-335685P	P	20011113		

=> d 110 2-28

L10 ANSWER 2 OF 28 BIOSIS COPYRIGHT 2003 BIOLOGICAL ABSTRACTS INC. on STN
AN 2003:445334 BIOSIS
DN PREV200300445334
TI The carboxyl-terminal domain of bacteriophage T7 **single-stranded DNA-binding protein** modulates DNA binding and interaction with T7 DNA polymerase.
AU He, Zheng-guo; Rezende, Lisa F.; Willcox, Smaranda; Griffith, Jack D.; Richardson, Charles C. [Reprint Author]
CS Dept. of Biological Chemistry and Molecular Pharmacology, Harvard Medical School, 240 Longwood Ave., Boston, MA, 02115, USA
ccr@hms.harvard.edu
SO Journal of Biological Chemistry, (August 8 2003) Vol. 278, No. 32, pp. 29538-29545. print.
CODEN: JBCHA3. ISSN: 0021-9258.
DT Article
LA English
ED Entered STN: 24 Sep 2003
Last Updated on STN: 24 Sep 2003

L10 ANSWER 3 OF 28 BIOSIS COPYRIGHT 2003 BIOLOGICAL ABSTRACTS INC. on STN
AN 2003:444595 BIOSIS
DN PREV200300444595
TI A **single-stranded DNA-binding protein** of bacteriophage T7 defective in DNA annealing.
AU Rezende, Lisa F.; Willcox, Smaranda; Griffith, Jack D.; Richardson, Charles C. [Reprint Author]
CS Dept. of Biological Chemistry and Molecular Pharmacology, Harvard Medical School, 240 Longwood Ave., Boston, MA, 02115, USA
ccr@hms.harvard.edu
SO Journal of Biological Chemistry, (August 1 2003) Vol. 278, No. 31, pp. 29098-29105. print.
CODEN: JBCHA3. ISSN: 0021-9258.
DT Article
LA English
ED Entered STN: 24 Sep 2003
Last Updated on STN: 24 Sep 2003

L10 ANSWER 4 OF 28 BIOSIS COPYRIGHT 2003 BIOLOGICAL ABSTRACTS INC. on STN
AN 2003:396068 BIOSIS
DN PREV200300396068
TI Properties of bacteriophage T4 proteins deficient in replication repair.
AU Kadyrov, Farid A.; Drake, John W. [Reprint Author]
CS Laboratory of Molecular Genetics, NIEHS, National Institutes Health, E3-01, Research Triangle Park, NC, 27709-2233, USA
drake@niehs.nih.gov
SO Journal of Biological Chemistry, (July 4, 2003) Vol. 278, No. 27, pp. 25247-25255. print.
CODEN: JBCHA3. ISSN: 0021-9258.
DT Article
LA English
ED Entered STN: 27 Aug 2003
Last Updated on STN: 27 Aug 2003

L10 ANSWER 5 OF 28 BIOSIS COPYRIGHT 2003 BIOLOGICAL ABSTRACTS INC. on STN
AN 2003:375077 BIOSIS
DN PREV200300375077
TI A covalent linkage between the gene 5 DNA polymerase of bacteriophage T7 and Escherichia coli thioredoxin, the processivity factor. Fate of thioredoxin during DNA synthesis.

AU Johnson, Donald E.; Richardson, Charles C. [Reprint Author]
CS Dept. of Biological Chemistry and Molecular Pharmacology, Harvard Medical
School, 240 Longwood Ave., Boston, MA, 02115, USA
ccr@hms.harvard.edu
SO Journal of Biological Chemistry, (June 27, 2003) Vol. 278, No. 26, pp.
23762-23772. print.
CODEN: JBCHA3. ISSN: 0021-9258.
DT Article
LA English
ED Entered STN: 13 Aug 2003
Last Updated on STN: 13 Aug 2003

L10 ANSWER 6 OF 28 BIOSIS COPYRIGHT 2003 BIOLOGICAL ABSTRACTS INC. on STN
AN 2003:498252 BIOSIS
DN PREV200300500336
TI Escherichia coli **single-stranded DNA-binding protein** mediates template recycling during
transcription by bacteriophage N4 virion RNA polymerase.
AU Davydova, Elena K.; Rothman-Denes, Lucia B. [Reprint Author]
CS Department of Molecular Genetics and Cell Biology, University of Chicago,
Chicago, IL, 60637, USA
lbrd@midway.uchicago.edu
SO Proceedings of the National Academy of Sciences of the United States of
America, (August 5 2003) Vol. 100, No. 16, pp. 9250-9255. print.
ISSN: 0027-8424 (ISSN print).
DT Article
LA English
ED Entered STN: 29 Oct 2003
Last Updated on STN: 29 Oct 2003

L10 ANSWER 7 OF 28 BIOSIS COPYRIGHT 2003 BIOLOGICAL ABSTRACTS INC. on STN
AN 2003:345109 BIOSIS
DN PREV200300345109
TI The herpes simplex virus type 1 alkaline nuclease and **single-stranded DNA binding protein** mediate
strand exchange in vitro.
AU Reuven, Nina Bacher; Staire, Amy E.; Myers, Richard S.; Weller, Sandra K.
[Reprint Author]
CS Department of Microbiology, University of Connecticut Health Center, 263
Farmington Ave., Farmington, CT, 06030-3205, USA
weller@nso2.uchc.edu
SO Journal of Virology, (July 2003) Vol. 77, No. 13, pp. 7425-7433. print.
ISSN: 0022-538X (ISSN print).
DT Article
LA English
ED Entered STN: 23 Jul 2003
Last Updated on STN: 23 Jul 2003

L10 ANSWER 8 OF 28 BIOSIS COPYRIGHT 2003 BIOLOGICAL ABSTRACTS INC. on STN
AN 2003:180535 BIOSIS
DN PREV200300180535
TI The DNA binding domain of the gene 2.5 **single-stranded DNA-binding protein** of bacteriophage T7.
AU Hyland, Edel M.; Rezende, Lisa F.; Richardson, Charles C. [Reprint Author]
CS Dept. of Biological Chemistry and Molecular Pharmacology, Harvard Medical
School, 240 Longwood Ave., Boston, MA, 02115, USA
ccr@hms.harvard.edu
SO Journal of Biological Chemistry, (February 28, 2003) Vol. 278, No. 9, pp.
7247-7256. print.
CODEN: JBCHA3. ISSN: 0021-9258.
DT Article
LA English
ED Entered STN: 9 Apr 2003
Last Updated on STN: 9 Apr 2003

L10 ANSWER 9 OF 28 BIOSIS COPYRIGHT 2003 BIOLOGICAL ABSTRACTS INC. on STN
AN 2003:148670 BIOSIS
DN PREV200300148670
TI Biochemical characterization of interactions between DNA polymerase and
single-stranded DNA-binding protein in bacteriophage RB69.
AU Sun, Siyang; Shamoo, Yousif [Reprint Author]
CS Dept. of Biochemistry and Cell Biology, Rice University, 6100 S. Main St.,
MS140, Houston, TX, 77005, USA
Shamoo@rice.edu
SO Journal of Biological Chemistry, (February 7, 2003) Vol. 278, No. 6, pp.
3876-3881. print.
CODEN: JBCHA3. ISSN: 0021-9258.
DT Article
LA English
ED Entered STN: 19 Mar 2003
Last Updated on STN: 19 Mar 2003

L10 ANSWER 10 OF 28 BIOSIS COPYRIGHT 2003 BIOLOGICAL ABSTRACTS INC. on STN
AN 2003:458333 BIOSIS
DN PREV200300458333
TI Phage N4 RNA polymerase II recruitment to DNA by a **single-
stranded DNA-binding protein**.
AU Carter, Richard H.; Demidenko, Alexander A.; Hattingh-Willis, Susan;
Rothman-Denes, Lucia B. [Reprint Author]
CS Glasgow Business Community, Dade Behring Inc., Newark, DE, 19714, USA
lbrd@midway.uchicago.edu
SO Genes and Development, (September 15 2003) Vol. 17, No. 18, pp. 2334-2345.
print.
CODEN: GEDEEP. ISSN: 0890-9369.
DT Article
LA English
ED Entered STN: 8 Oct 2003
Last Updated on STN: 8 Oct 2003

L10 ANSWER 11 OF 28 BIOSIS COPYRIGHT 2003 BIOLOGICAL ABSTRACTS INC. on STN
AN 2003:223672 BIOSIS
DN PREV200300223672
TI Kinetic regulation of single DNA molecule denaturation by T4 gene 32
protein structural domains.
AU Pant, Kiran; Karpel, Richard L.; Williams, Mark C. [Reprint Author]
CS Department of Physics, Northeastern University, 111 Dana Research Center,
Boston, MA, 02115, USA
mark@neu.edu
SO Journal of Molecular Biology, (28 March, 2003) Vol. 327, No. 3, pp.
571-578. print.
ISSN: 0022-2836 (ISSN print).
DT Article
LA English
ED Entered STN: 7 May 2003
Last Updated on STN: 7 May 2003

L10 ANSWER 12 OF 28 BIOSIS COPYRIGHT 2003 BIOLOGICAL ABSTRACTS INC. on STN
AN 2003:270446 BIOSIS
DN PREV200300270446
TI Proteins at the mitochondrial DNA replication fork: A simple harmony.
AU Kaguni, Laurie S. [Reprint Author]; Farr, Carol L.; Matsushima, Yuichi;
Luo, Ningguang; MacLauchlan, Kathleen M.; Kiefer, Phillip R.; Schaefer,
Kevin T.
CS Biochemistry and Molecular Biology, Michigan State University, 319
Biochemistry, East Lansing, MI, 48824-1319, USA
lskaguni@msu.edu; farrcaro@msu.edu; matsush5@msu.edu; luoningg@msu.edu;
machlauch@msu.edu; kieferph@msu.edu; schae40@msu.edu

SO FASEB Journal, (March 2003) Vol. 17, No. 4-5, pp. Abstract No. 376.4.
http://www.fasebj.org/. e-file.

Meeting Info.: FASEB Meeting on Experimental Biology: Translating the
Genome. San Diego, CA, USA. April 11-15, 2003. FASEB.
ISSN: 0892-6638 (ISSN print).

DT Conference; (Meeting)
Conference; Abstract; (Meeting Abstract)

LA English

ED Entered STN: 11 Jun 2003

Last Updated on STN: 11 Jun 2003

L10 ANSWER 13 OF 28 BIOSIS COPYRIGHT 2003 BIOLOGICAL ABSTRACTS INC. on STN

AN 2003:95347 BIOSIS

DN PREV200300095347

TI Essential amino acid residues in the **single-stranded**
DNA-binding protein of bacteriophage T7.
Identification of the dimer interface.

AU Rezende, Lisa F.; Hollis, Thomas; Ellenberger, Tom; Richardson, Charles C.
[Reprint Author]

CS Dept. of Biological Chemistry and Molecular Pharmacology, Harvard Medical
School, 240 Longwood Ave., Boston, MA, 02115, USA
ccr@hms.harvard.edu

SO Journal of Biological Chemistry, (December 27, 2002) Vol. 277, No. 52, pp.
50643-50653. print.

CODEN: JBCHA3. ISSN: 0021-9258.

DT Article

LA English

ED Entered STN: 12 Feb 2003

Last Updated on STN: 12 Feb 2003

L10 ANSWER 14 OF 28 CAPLUS COPYRIGHT 2003 ACS on STN

AN 2002:715712 CAPLUS

DN 138:985

TI Phylogenetic and functional analysis of the bacteriophage P1
single-stranded DNA-binding
protein

AU Bendtsen, Jannick Dyrlov; Nilsson, Anders S.; Lehnherr, Hansjorg

CS Center for Biological Sequence Analysis, The Technical University of
Denmark, Lyngby, DK-2800, Den.

SO Journal of Virology (2002), 76(19), 9695-9701

CODEN: JOVIAM; ISSN: 0022-538X

PB American Society for Microbiology

DT Journal

LA English

RE.CNT 48 THERE ARE 48 CITED REFERENCES AVAILABLE FOR THIS RECORD
ALL CITATIONS AVAILABLE IN THE RE FORMAT

L10 ANSWER 15 OF 28 CAPLUS COPYRIGHT 2003 ACS on STN

AN 1999:681905 CAPLUS

DN 132:10080

TI Identification and characterization of the **single-**
stranded DNA-binding protein of
bacteriophage P1

AU Lehnherr, Hansjorg; Bendtsen, Jannick D.; Preuss, Fabian; Ilyina, Tatiana
V.

CS Institute of Molecular Biology, University of Southern Denmark, Odense M,
DK-5230, Den.

SO Journal of Bacteriology (1999), 181(20), 6463-6468

CODEN: JOBAAY; ISSN: 0021-9193

PB American Society for Microbiology

DT Journal

LA English

RE.CNT 61 THERE ARE 61 CITED REFERENCES AVAILABLE FOR THIS RECORD
ALL CITATIONS AVAILABLE IN THE RE FORMAT

L10 ANSWER 16 OF 28 CAPLUS COPYRIGHT 2003 ACS on STN
 AN 1999:199076 CAPLUS
 DN 131:69842
 TI Functionally Important Correlated Motions in the **Single-stranded DNA-binding Protein** Encoded
 by Filamentous Phage Pf3
 AU Horstink, Lennard M.; Abseher, Roger; Nilges, Michael; Hilbers, Cornelis W.
 CS Laboratory of Biophysical Chemistry, NSR Center, University of Nijmegen, Nijmegen, 6525 ED, Neth.
 SO Journal of Molecular Biology (1999), 287(3), 569-577
 CODEN: JMOBAK; ISSN: 0022-2836
 PB Academic Press
 DT Journal
 LA English
 RE.CNT 37 THERE ARE 37 CITED REFERENCES AVAILABLE FOR THIS RECORD
 ALL CITATIONS AVAILABLE IN THE RE FORMAT

L10 ANSWER 17 OF 28 CAPLUS COPYRIGHT 2003 ACS on STN
 AN 1998:414679 CAPLUS
 DN 129:50503
 TI Cytoplasmic bacteriophage display system for display of specific proteins and peptides fused to the capsid protein of phage T7
 IN Studier, F. William; Rosenberg, Alan H.
 PA Associated Universities Inc., USA
 SO U.S., 29 pp., Cont.-in-part of U.S. Ser. No. 664,161, abandoned.
 CODEN: USXXAM
 DT Patent
 LA English
 FAN.CNT 1

	PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
PI	US 5766905	A	19980616	US 1996-664449	19960617
PRAI	US 1996-664161		19960614		

RE.CNT 14 THERE ARE 14 CITED REFERENCES AVAILABLE FOR THIS RECORD
 ALL CITATIONS AVAILABLE IN THE RE FORMAT

L10 ANSWER 18 OF 28 CAPLUS COPYRIGHT 2003 ACS on STN
 AN 1999:35616 CAPLUS
 DN 130:179733
 TI Analysis of x-ray diffraction from fibers of Pfl inovirus (filamentous bacteriophage) shows that the DNA in the virion is not highly ordered
 AU Welsh, Liam C.; Marvin, Donald A.; Perham, Richard N.
 CS Dep. Biochem., Univ. Cambridge, Cambridge, CB2 1GA, UK
 SO Journal of Molecular Biology (1998), 284(5), 1265-1271
 CODEN: JMOBAK; ISSN: 0022-2836
 PB Academic Press
 DT Journal
 LA English
 RE.CNT 27 THERE ARE 27 CITED REFERENCES AVAILABLE FOR THIS RECORD
 ALL CITATIONS AVAILABLE IN THE RE FORMAT

L10 ANSWER 19 OF 28 CAPLUS COPYRIGHT 2003 ACS on STN
 AN 1998:422558 CAPLUS
 DN 129:158124
 TI Are there non-trivial dynamic cross-correlations in proteins?
 AU Abseher, Roger; Nilges, Michael
 CS European Molecular Biology Laboratory, Heidelberg, 69117, Germany
 SO Journal of Molecular Biology (1998), 279(4), 911-920
 CODEN: JMOBAK; ISSN: 0022-2836
 PB Academic Press Ltd.
 DT Journal
 LA English

RE.CNT 37 THERE ARE 37 CITED REFERENCES AVAILABLE FOR THIS RECORD
ALL CITATIONS AVAILABLE IN THE RE FORMAT

L10 ANSWER 20 OF 28 CAPLUS COPYRIGHT 2003 ACS on STN
AN 1998:94339 CAPLUS
DN 128:227555
TI Equilibrium and kinetic binding analysis of the N-terminal domain of the
Pfl gene 5 protein and its interaction with single-stranded DNA
AU Bogdarina, I.; Fox, D. G.; Kneale, G. G.
CS Biophysics Laboratories, Division of Molecular and Cell Biology, School of
Biological Science, University of Portsmouth, Portsmouth, PO1 2DT, UK
SO Journal of Molecular Biology (1998), 275(3), 443-452
CODEN: JMOBAK; ISSN: 0022-2836
PB Academic Press Ltd.
DT Journal
LA English

RE.CNT 26 THERE ARE 26 CITED REFERENCES AVAILABLE FOR THIS RECORD
ALL CITATIONS AVAILABLE IN THE RE FORMAT

L10 ANSWER 21 OF 28 CAPLUS COPYRIGHT 2003 ACS on STN
AN 2000:266780 CAPLUS
DN 133:276975
TI The lysogenic conversion genes of coliphage P2 have unusually high AT
content
AU Calendar, Richard; Yu, Sidney; Myung, Heejoon; Barreiro, Virginia;
Odegrip, Richard; Carlson, Karin; Davenport, Laura; Mosig, Gisela;
Christie, Gail E.; Haggard-Ljungquist, Elisabeth
CS Dep. of Mol. and Cell Biol., Univ. California, Berkeley, CA, 94720, USA
SO Horizontal Gene Transfer, [Fallen Leaf Lake Conference on Horizontal Gene
Transfer], Fallen Leaf Lake, Calif., Sept. 12-15, 1996 (1998), Meeting
Date 1996, 241-252. Editor(s): Syvanen, Michael; Kado, Clarence I.
Publisher: Chapman & Hall, London, UK.
CODEN: 68VNA4
DT Conference
LA English

RE.CNT 34 THERE ARE 34 CITED REFERENCES AVAILABLE FOR THIS RECORD
ALL CITATIONS AVAILABLE IN THE RE FORMAT

L10 ANSWER 22 OF 28 CAPLUS COPYRIGHT 2003 ACS on STN
AN 1997:433667 CAPLUS
DN 127:132372
TI Refined Structure, DNA Binding Studies, and Dynamics of the Bacteriophage
Pf3 Encoded **Single-Stranded DNA
Binding Protein**
AU Folmer, Rutger H. A.; Nilges, Michael; Papavoine, Christina H. M.;
Harmsen, Ben J. M.; Konings, Ruud N. H.; Hilbers, Cornelis W.
CS Nijmegen SON Research Center Laboratory of Biophysical Chemistry,
University of Nijmegen, Nijmegen, 6526 ED, Neth.
SO Biochemistry (1997), 36(30), 9120-9135
CODEN: BICHAW; ISSN: 0006-2960
PB American Chemical Society
DT Journal
LA English

L10 ANSWER 23 OF 28 CAPLUS COPYRIGHT 2003 ACS on STN
AN 1997:237315 CAPLUS
DN 126:288973
TI A novel mechanism of virus-virus interactions: bacteriophage P2 Tin
protein inhibits phage T4 DNA synthesis by poisoning the T4 **single
-stranded DNA binding protein,**
gp32
AU Mosig, Gisela; Yu, Sidney; Myung, Heejoon; Haggard-Ljungquist, Elisabeth;
Davenport, Laura; Carlson, Karin; Calendar, Richard
CS Department of Molecular Biology, Vanderbilt University, Nashville, TN, USA

SO Virology (1997), 230(1), 72-81
CODEN: VIRLAX; ISSN: 0042-6822
PB Academic
DT Journal
LA English

L10 ANSWER 24 OF 28 CAPLUS COPYRIGHT 2003 ACS on STN

AN 1996:692685 CAPLUS
DN 126:43326

TI **Single-stranded DNA binding**
protein from bacteriophage cf: characterization, gene localization
and protein-ssDNA complex

AU Chen, Wen-Ping; Cheng, Ching-Ming; Wang, Andrew H.-J.; Kuo, Tsong-Teh
CS Institute of Molecular Biology, Academia Sinica, Nankang 115, Taipei,
Taiwan

SO Biochimica et Biophysica Acta (1996), 1309(1-2), 147-155
CODEN: BBACAQ; ISSN: 0006-3002

PB Elsevier
DT Journal
LA English

L10 ANSWER 25 OF 28 CAPLUS COPYRIGHT 2003 ACS on STN

AN 1997:28731 CAPLUS
DN 126:71138

TI **Single-stranded DNA-binding**
proteins as transcriptional activators

AU Miller, Alita; Dai, Xing; Choi, Mieyoung; Glucksmann-Kuis, M. Alexandra;
Rothman-Denes, Lucia B.

CS Department of Biochemistry and Molecular Biology, University of Chicago,
Chicago, IL, 60637, USA

SO Methods in Enzymology (1996), 274(RNA Polymerase and Associated Factors,
Part B), 9-20
CODEN: MENZAU; ISSN: 0076-6879

PB Academic
DT Journal
LA English

L10 ANSWER 26 OF 28 CAPLUS COPYRIGHT 2003 ACS on STN DUPLICATE 1

AN 1995:820203 CAPLUS
DN 123:221212

TI Solution structure of the **single-stranded DNA**
binding protein of the filamentous **Pseudomonas**
phage Pf3: similarity to other proteins binding to single-stranded
nucleic acids

AU Folmer, R. H. A.; Nilges, M.; Konings, R. N. H.; Hilbers, C. W.
CS Nijmegen SON Res. Cent., Univ. Nijmegen, Nijmegen, 6525ED, Neth.

SO EMBO Journal (1995), 14(17), 4132-42
CODEN: EMJODG; ISSN: 0261-4189

PB Oxford University Press
DT Journal
LA English

L10 ANSWER 27 OF 28 CAPLUS COPYRIGHT 2003 ACS on STN

AN 1994:209759 CAPLUS
DN 120:209759

TI Nucleotide sequence determination, characterization and purification of
the **single-stranded DNA-binding**
protein and major coat protein of filamentous phage .vphi.Lf of
Xanthomonas campestris pv. campestris

AU Wen, Fu Shyan; Tseng, Yi Hsiung

CS Dep. Bot., Natl. Chung Hsing Univ., Taichung, 402, Taiwan

SO Journal of General Virology (1994), 75(1), 15-22
CODEN: JGVIAI; ISSN: 0022-1317

DT Journal

LA English

L10 ANSWER 28 OF 28 CAPLUS COPYRIGHT 2003 ACS on STN DUPLICATE 2

AN 1992:77557 CAPLUS

DN 116:77557

TI The putative **single-stranded DNA-**

binding protein of the filamentous bacteriophage, If1.

Amino acid sequence of the protein and structure of the gene

AU Carne, A.; Hill, D. F.; Stockwell, P. A.; Hughes, G.; Petersen, G. B.

CS Cent. Gene Res., Univ. Otago, Dunedin, N. Z.

SO Proceedings of the Royal Society of London, Series B: Biological Sciences
(1991), 245(1312), 23-30

CODEN: PRLBA4; ISSN: 0080-4649

DT Journal

LA English

=> d his

(FILE 'HOME' ENTERED AT 11:23:12 ON 12 NOV 2003)

FILE 'CAPLUS, CABA, AGRICOLA, BIOSIS' ENTERED AT 11:23:43 ON 12 NOV 2003

L1 5870 S COLIPHAGE

L2 2525 S SINGLE STRANDED DNA BINDING PROTEIN

L3 66 S L1 AND L2

L4 3 S PLANT AND L3

L5 2 S (WHEAT OR MAIZE OR TOBACCO OR TOMATO) AND L3

L6 462 S GENE 5 PROTEIN

L7 1938 S INOVIRID?

L8 1622 S (PSEUDOMONAS PHAGE) OR (VIBRIO PHAGE) OR (XANTHOMONAS PHAGE)

L9 30 S L8 AND L2

L10 28 DUP REM L9 (2 DUPLICATES REMOVED)

L11 576214 S L10 AND WHEAT OR MAIZE OR TOBACCO OR TOMATO

L12 0 S L10 AND (WHEAT OR MAIZE OR TOBACCO OR TOMATO)

=> s m13 gene 5 protein

L13 34 M13 GENE 5 PROTEIN

=> s plant and l13

L14 0 PLANT AND L13

=> s l6 and plant

L15 11 L6 AND PLANT

=> dup rem l15

PROCESSING COMPLETED FOR L15

L16 7 DUP REM L15 (4 DUPLICATES REMOVED)

=> d 1-7

L16 ANSWER 1 OF 7 CAPLUS COPYRIGHT 2003 ACS on STN DUPLICATE 1

AN 2002:229820 CAPLUS

DN 136:227693

TI EST analysis in barley defines a unigene set comprising 4,000 genes

AU Michalek, W.; Weschke, W.; Pleissner, K.-P.; Graner, A.

CS Institute of Plant Genetics and Crop Plant Research (IPK), Gatersleben,
06466, Germany

SO Theoretical and Applied Genetics (2002), 104(1), 97-103

CODEN: THAGA6; ISSN: 0040-5752

PB Springer-Verlag

DT Journal

LA English

L16 ANSWER 2 OF 7 CAPLUS COPYRIGHT 2003 ACS on STN

AN 1999:577007 CAPLUS
 DN 131:211772
 TI Use of single-stranded DNA-binding proteins of Inoviridae to increase
plant resistance to single-stranded DNA viruses
 IN Padidam, Malla; Beachy, Roger N.; Fauquet, Claude M.
 PA Scripps Research Institute, USA
 SO PCT Int. Appl., 70 pp.
 CODEN: PIXXD2
 DT Patent
 LA English
 FAN.CNT 1

	PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
PI	WO 9945101	A1	19990910	WO 1999-US4716	19990303
	W:				
	AL, AM, AT, AU, AZ, BA, BB, BG, BR, BY, CA, CH, CN, CU, CZ, DE,				
	DK, EE, ES, FI, GB, GE, GH, GM, HR, HU, ID, IL, IS, JP, KE, KG,				
	KP, KR, KZ, LC, LK, LR, LS, LT, LU, LV, MD, MG, MK, MN, MW, MX,				
	NO, NZ, PL, PT, RO, RU, SD, SE, SG, SI, SK, SL, TJ, TM, TR, TT,				
	UA, UG, US, UZ, VN, YU, ZW, AM, AZ, BY, KG, KZ, MD, RU, TJ, TM				
	RW: GH, GM, KE, LS, MW, SD, SL, SZ, UG, ZW, AT, BE, CH, CY, DE, DK,				
	ES, FI, FR, GB, GR, IE, IT, LU, MC, NL, PT, SE, BF, BJ, CF, CG,				
	CI, CM, GA, GN, GW, ML, MR, NE, SN, TD, TG				
	AU 9928013	A1	19990920	AU 1999-28013	19990303
	AU 761598	B2	20030605		
	BR 9908492	A	20001205	BR 1999-8492	19990303
	EP 1082409	A1	20010314	EP 1999-908632	19990303
	R:				
	AT, BE, CH, DE, DK, ES, FR, GB, GR, IT, LI, LU, NL, SE, MC, PT,				
	IE, SI, LT, LV, FI, RO				
PRAI	US 1998-76627P	A2	19980303		
	WO 1999-US4716	W	19990303		
RE.CNT	6	THERE ARE 6 CITED REFERENCES AVAILABLE FOR THIS RECORD			
		ALL CITATIONS AVAILABLE IN THE RE FORMAT			

L16 ANSWER 3 OF 7 CAPLUS COPYRIGHT 2003 ACS on STN DUPLICATE 2
 AN 1999:63248 CAPLUS
 DN 130:247781
 TI A phage single-stranded DNA (ssDNA) binding protein complements ssDNA
 accumulation of a geminivirus and interferes with viral movement
 AU Padidam, Malla; Beachy, Roger N.; Fauquet, Claude M.
 CS Division of Plant Biology, The Scripps Research Institute, International
 Laboratory for Tropical Agricultural Biotechnology (ILTAB/ORSTOM-TSRI), La
 Jolla, CA, 92037, USA
 SO Journal of Virology (1999), 73(2), 1609-1616
 CODEN: JOVIAM; ISSN: 0022-538X
 PB American Society for Microbiology
 DT Journal
 LA English
 RE.CNT 53 THERE ARE 53 CITED REFERENCES AVAILABLE FOR THIS RECORD
 ALL CITATIONS AVAILABLE IN THE RE FORMAT

L16 ANSWER 4 OF 7 CAPLUS COPYRIGHT 2003 ACS on STN
 AN 1998:711831 CAPLUS
 DN 130:105868
 TI Gene discovery in the wood-forming tissues of poplar: analysis of 5,692
 expressed sequence tags
 AU Sterky, Fredrik; Regan, Sharon; Karlsson, Jan; Hertzberg, Magnus; Rohde,
 Antje; Holmberg, Anders; Amini, Bahram; Bhalerao, Rupali; Larsson, Magnus;
 Villarroel, Raimundo; Van Montagu, Marc; Sandberg, Goran; Olsson, Olof;
 Teeri, Tuula T.; Boerjan, Wout; Gustafsson, Petter; Uhlen, Mathias;
 Sundberg, Bjorn; Lundeberg, Joakim
 CS Department of Biotechnology, Kungl Tekniska Hogskolan, Royal Institute of
 Technology, Stockholm, SE-10044, Swed.
 SO Proceedings of the National Academy of Sciences of the United States of
 America (1998), 95(22), 13330-13335

CODEN: PNASA6; ISSN: 0027-8424

PB National Academy of Sciences

DT Journal

LA English

RE.CNT 41 THERE ARE 41 CITED REFERENCES AVAILABLE FOR THIS RECORD
ALL CITATIONS AVAILABLE IN THE RE FORMAT

110 and WHEAT OR MAIZE OR TOBACCO OR TOMATO